

DERWENT PUBLICATIONS LTD.

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BASF AG

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Distillative fractionation column - provides intermediate components from centre zone config. partition preventing cross-mixing of media

BADI 26.01.83
•DE 3302-525-A

J(1-A2A)

041

ADVANTAGE

Pure intermediate prods. are obt. without requiring auxiliary columns or increased heat supply.

PREFERRED

The partitioning may be continuous for columns filled with packing, individual lengths between perforated stage floors, or a concentric inner tube. (15pp1430RHDwgNo0/4)

C84-079819

CLAIMED APPARATUS

A mixt. of at least three components is fed into the side of a generally central area of a distillative fractionation column with multiple stages and from whose head and sump respectively, two of the components can be recovered in pure form.

Other components with an intermediate b.pt. and largely free of the head and sump components are extracted from a length of the central area adjacent the feed inlet and divided by vertical partitioning to prevent lateral cross-mixing between liq. and/or vapour components.

The partitioning extends through sufficient column stages, established by calculation or experiment, to ensure the intermediate fractions are obt. with the required purity.

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